

AMENDMENTS TO THE CLAIMS

Please cancel claim 31, amend claims 32-41 and 43-45, and insert new claim 46, as follows:

1-31. (Canceled)

32. (Currently Amended) The ~~retainer~~ system of claim ~~31~~ 46, wherein ~~said~~ the core wire is covered with an electrical insulation layer from near its proximal end to near its distal end.

33. (Currently Amended) The ~~retainer~~ system of claim ~~31~~ 46, wherein ~~said at least one~~ the array element comprises platinum.

34. (Currently Amended) The ~~retainer~~ system of claim ~~31~~ 46, wherein ~~said at least one~~ the array element comprises tantalum.

35. (Currently Amended) The ~~retainer~~ system of claim ~~31~~ 46, wherein ~~said at least one~~ the array element comprises stainless steel.

36. (Currently Amended) The ~~retainer~~ system of claim ~~31~~ 46, wherein ~~said at least one~~ the array element comprises a super-elastic alloy.

37. (Currently Amended) The ~~retainer~~ system of claim ~~31~~ 46, wherein at least a portion of ~~said at least one~~ the array element is covered by radio-opaque material.

38. (Currently Amended) The ~~retainer~~ system of claim 37, wherein ~~said~~ the radio-opaque material is platinum.

39. (Currently Amended) The ~~retainer~~ system of claim ~~31~~ 46, wherein when ~~said~~ ~~retainer~~ ~~assembly~~ the array element is in ~~said~~ the deployed shape, ~~each of said at least one~~ the array element terminates remotely from ~~said~~ the joint.

40. (Currently Amended) The ~~retainer~~ system of claim 45, wherein ~~said~~ ~~retainer assembly~~ the array element has a proximal deployed end when in ~~said~~ the deployed shape, and when ~~said~~ ~~retainer assembly~~ the array element is in ~~said~~ the deployed shape, ~~said~~ the residual joint is distal to ~~said~~ the proximal deployed end.

41. (Currently Amended) The ~~retainer~~ system of claim 45, wherein ~~said~~ ~~retainer assembly~~ the array element has a proximal deployed end when in ~~said~~ the deployed shape, and when ~~said~~ ~~retainer assembly~~ the array element is in ~~said~~ the deployed shape, ~~and said~~ the residual joint is on ~~said~~ the proximal deployed end.

42. (Canceled)

43. (Currently Amended) The ~~retainer~~ system of claim ~~31~~ 46, wherein ~~said~~ the deployed shape approximates the shape of ~~said~~ the aneurysm.

44. (Currently Amended) The ~~retainer~~ system of claim ~~31~~ 46, wherein ~~said retainer assembly~~ the array element encloses a volume, and wherein ~~said retainer~~ the array element contains ~~said the~~ the vaso-occlusive device in ~~said~~ the volume.

45. (Currently Amended) The ~~retainer~~ system of claim ~~31~~ 46, wherein ~~said retainer assembly~~ the array element includes a residual joint after an electrolytic severance from ~~said the~~ the core wire.

46. (New) A vaso-occlusive system, comprising:

a vaso-occlusive device for occluding an aneurysm; and

a retainer assembly for retaining the vaso-occlusive device in the aneurysm, the retainer assembly comprising a core wire, an array element, and a joint between a distal end of the core wire and the array element,

wherein the array element has a delivery shape when retained within an elongate tubular delivery device, and a deployed shape when outside the elongate tubular delivery device, and the joint is comparatively more susceptible to electrolytic severability than the core wire and the array element.